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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/851,722	05/08/2001	Theodore F. Rabenko	41748/CAG/B600	3641
23363	7590 06/13/2006		EXAM	INER
CHRISTIE, PARKER & HALE, LLP PO BOX 7068			SHAND, ROBERTA A	
	CA 91109-7068		ART UNIT	PAPER NUMBER
,			2616	

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extercions of time may be variable under the proteins of 37 CPR 1.73(a). In ceivern, between, may a reply be timely filed  If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (5) MONTHS from the mailing date of this communication.  Failuse to reply willin the act or standard period for reply will, by statute, cause the application to become ARANDONE (33 U.S. C. § 130). Any reply received by the Office later than those months after the mailing date of this communication, even if timely filed, may reduce any sentence plants than adjustment. See 37 CPR 1.70(b).  Status  1) Responsive to communication(s) filed on 27 March 2006.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4\(\text{S}\) Claim(s) 1-20 is/are pending in the application.  4\(\text{A}\) Claim(s) 1-20 is/are pending in the application.  4\(\text{A}\) Claim(s) 1-20 is/are rejected.  7\(\text{Claim(s}\) 1-20 is/are rejected to.  8\(\text{Claim(s}\) 1-20 is/are rejected to.  8\(\text{Claim(s}\) 1-20 is/are rejected to.  8\(\text{Claim(s}\) 1-20 is/are rejected to.  9\(\text{Claim(s}\) 1-20 is/are rejected to by the Examiner.  10\(\text{The specification is objected to by the Examiner.}  10\(\text{The drawing(s)}\) filed on is/are: a\(\text{The care}\) accepted or b\(\text{D}\) objected to by the Examiner.  Application Papers  9\(The cartified copies of the priority documents have been received in Application No  2			
## Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extractions of time may be available under the provisions of 37 CPR 1.13(a), in or event, however, may a may be timely filled.  If No period is reply is specified doze, the maximum shallory parted will apply and will large 15 (M MONTHE from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by attaints, cause the application to become ARANDONED (35 U.S.C. § 133). Any ray's reveals by the Officia forth the time hander after the mailing date of this communication. Failure to reply within the set or extended period for reply will, by attaints, cause the application is become ARANDONED (35 U.S.C. § 133). Any ray's reveals by the Officia forth that three mailing date of this communication, even if timely filled, may reduce any acceptance patient term objectment. Set 37 CPR (1749).  **Status**  1) □ Responsive to communication(s) filled on 27 March 2006.  2a) □ This action is FINAL. 2b) □ This action is non-final.  3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  **Disposition of Claims**  4) □ Claim(s) ±2g is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) □ Claim(s) is/are allowed.  6) □ Claim(s) is/are objected to.  8) □ Claim(s) is/are objected to.  8) □ Claim(s) is/are objected to.  9) □ The specification is objected to by the Examiner.  Application Papers  9) □ The specification is objected to by the Examiner.  Application Papers  10) □ The drawing(s) filled on is/are: a) □ accepted or b) □ objected to by the Examiner.  Application may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11)		Application No.	Applicant(s)
Roberta A. Shand   2016	Office Action Summant		
Preiod for Repty  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions time may be available used the provisions of 30 FR1 13861, his overt, however, may a raply be timely lifted after 50 (8) MONTH(S from the mailing date of this communication. of 17 PtD printed from the provision of 17 PtD printed from the provision of the communication. Any reply received by the Office leter than these months after the mailing date of this communication. Any reply received by the Office leter than these months after the mailing date of this communication, even if timely filled, may reduce any seared patent term ediptament. See 37 CFR 1.704(b).  Status  1) ■ Responsive to communication(s) filled on 27 March 2006.  2a) □ This action is FINAL. 2b) □ This action is non-final.  3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) □ Claim(s) 1-20 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5□ Claim(s) is/are allowed.  6) □ Claim(s) is/are objected to by the Examiner.  10□ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner.  Application Papers  9) □ The specification is objected to by the Examiner, Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  11□ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) □ All b) □ some *c) □ None of:  1 □ Certified copies of the priority documents have been received in Application No. □ Certified copies of the priority documents have been received in Application No. □ Certified copies of the priority documents have been received.  2 □ Certified copies of the priority documents have been received.  3 □ Certified copies of the priority documents have be	Office Action Summary	Examiner	Art Unit
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extractions of time may be available under the provisions of 37 CPR 1.138(d). In or west, however, may a raply be limely filled.  Extractions of time may be available under the provisions of 37 CPR 1.138(d). In or west, however, may a raply be limely filled.  Extractions of time may be available under the provisions of 37 CPR 1.138(d). In or west, however, may a raply be limely filled.  Extraction of the provision of the pro			1
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1)⊠ Responsive to communication(s) filed on 27 March 2006.  2a)□ This action is FINAL. 2b)⊠ This action is non-final.  3)□ Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)☑ Claim(s) 1-20 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5)□ Claim(s) 1-20 is/are rejected.  7)□ Claim(s) is/are objected to.  8)□ Claim(s) is/are objected to.  8)□ Claim(s) is/are objected to by the Examiner.  10□ The proving filed on is/are: a)□ accepted or b)□ objected to by the Examiner.  Application Papers  9)□ The specification is objected to by the Examiner.  10□ The drawing(s) filed on is/are: a)□ accepted or b)□ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11)□ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12)□ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)□ All b)□ Some * c)□ None of:  1.□ Certified copies of the priority documents have been received in Application No  3.□ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.	WHICHEVER IS LONGER, FROM THE MAILING I  - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the maili	DATE OF THIS COMMUN .136(a). In no event, however, may a d will apply and will expire SIX (6) MO tte, cause the application to become A	IICATION. A reply be timely filed  DNTHS from the mailing date of this communication.  ABANDONED (35 U.S.C. § 133).
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	1) Notice of References Cited (PTO-892)		
3)   Information Disclosure Statement(s) (PTO-1449 or PTO/SR/08)   5)   I Notice of Informal Patent Application (PTO-152)	<ol> <li>Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08</li> </ol>		(s)/Mail Date Informal Patent Application (PTO-152)
Paper No(s)/Mail Date 6) Other:			

## Claim Objections

1. Claim 1 is objected to because of the following informalities: in line 2, a plurality of media terminal adapters is coupled to a **first telephone line**, and in line 4 an analog telephone is coupled to a **second telephone line**. However in lines 14-15, the analog telephone is said to be on the **first telephone line**, and in lines 17-18 the media terminal adapter is said to be on the **second telephone line**. Appropriate correction is required.

## Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 3. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Chen (U.S 2001/0030950 A1).
- Regarding claims 1 and 11, Chen teaches (fig. 3) a communications system, comprising: a plurality of media terminal adapters (14, 16) coupled to a first telephone line (line from HPNA); a second telephone line (PSTN); an analog telephone (it s inherent in Chen's system that analog phones are connected to the PSTN) coupled to the second telephone line; and a gateway (34) coupled to the first and second telephone lines and an IP network (24), and configured to exchange voice and data packets between a network and each of the media

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terminal adapters over the first telephone line (line from HPNA) and the analog telephone over the second telephone line (PSTN), wherein the gateway receives a packet payload and determines if the packet is voice or data, if the packet is voice the gateway further determines if the voice is destined for the analog telephone (phone via the PSTN) or a media terminal adapter (VoIP phone via the HPNA, paragraph 65), if the voice packet is destined for the analog telephone, the gateway depacketizes the voice packet, generates a voice signal and transmits it to the analog telephone, if the packet is destined for the media terminal adapter the gateway reformats the packet and transmits the packet to the media terminal adapter via the first telephone line (It is inherent in Chen's system that packets received at the gateway are reformatted and processed for the appropriate protocol such as analog, fig. 3, 48 or VoIP, paragraph 65. Chen's integrated phone-based home gateway is designed to interface broadband and narrow band communications including voice, and processing information from one or more networks).

- 5. Regarding claims 2 and 12, Chen teaches (paragraph 65) one of the media terminal adapters comprises a telephony device (VoIP phone).
- 6. Regarding claims 3 and 13, Chen teaches (paragraph 65) the telephony device is a telephone (VoIP phone).
- 7. Regarding claims 4 and 14, Chen teaches (fig. 3) the gateway is configured to exchange the voice and data packets between the network and the media terminal adapters by converting

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between a first format for the voice and data packets on the network and a second format for the voice and data packets on the telephone line, the first and second format being different.

- 8. Regarding claims 5, 15 and 17, Chen teaches (fig. 3) one of the media terminal adapters comprises a telephone responsive to the voice packets having the second format.
- 9. Regarding claims 6 and 18-20, Chen teaches (fig. 3) a voice processing engine configured to convert between the voice packets having the second format and an analog voice signal in the voice band frequency (Chen teaches digital to analog conversion and vice versa).
- 10. Regarding claim 7, Chen teaches (fig. 3) a telephone, and wherein one of the media terminal adapters comprises an adapter configured to exchange the voice packets on the telephone line having the second format with analog voice in a voice band frequency. It is inherent in Chen's system that a processing engine configured to convert between the voice packets having the second format and an analog voice signal in the voice band frequency exists because one of the media terminal adapters is a telephone.
- 11. Regarding claim 8, Chen teaches (paragraph 136) the gateway comprises a cable modem
- 12. Regarding claim 9, Chen teaches (fig. 3) the gateway comprises a first port (24) coupled to the telephone line (PSTN) and a second port (24), and an additional media terminal adapter (14, 16) coupled to the second port.

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- 13. Regarding claim 10, Chen teaches (fig. 3) a voice and data processor configured to exchange the voice and data between the network and the additional media terminal adapter.
- 14. Regarding claim 16, Chen teaches (fig. 3) exchanging a second plurality of voice and data packets between the network and an additional media terminal adapter.
- Regarding claim 17, Chen teaches (fig. 3) a communication system comprising: means 15. for receiving a packet payload from an internet protocol network (24); means for determining if the received packet payload is voice packet or data packet (44); if the received packet payload is a voice packet, means for determining if the voice packet is destined for a telephone coupled to a first telephone line (phone via the PSTN) or a second network coupled to second telephone line (network connected via the HPNA, paragraph 65), and having a plurality of media adapter terminals (14, 16, VoIP phone); means for depacketizing the voice packet, means for generating an analog voice signal, and means for transmitting the analog voice signal over the first phone line (PSTN) to the telephone if the voice packet is destined for the telephone, and means for reformatting the voice packet and transmitting the reformatted voice packet over the second phone line to the second network, if the voice packet is destined for the second network. (It is inherent in Chen's system that packets received at the gateway are reformatted and processed for the appropriate protocol such as analog, fig. 3, 48 or VoIP, paragraph 65. Chen's integrated phone-based home gateway is designed to interface broadband and narrow band communications including voice, and processing information from one or more networks).

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Conclusion

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16. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Roberta A Shand whose telephone number is 571-272-3161. The

examiner can normally be reached on M-F 9:00am-5:30pm.

17. If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Huy Vu can be reached on 571-272-3155. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

18. Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Roberta A Shand Examiner

Exammer

Art Unit 2616

HUY D. VU

SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 2600